Amendments to the Specification:

Please amend the specification as follows:

Please replace paragraph starting at page 2, line 13, with the following rewritten paragraph:

The carrier sensor 6 senses the presence/absence of a carrier in accordance with an RSSI (Received Signal Strength Indicator) signal Q representing the reception level from an RF (Radio Frequency) converter (not shown). The carrier sensor 6 then detects the start of a reception signal and outputs a carrier sense signal R to the equalizer unit 7 for a time interval from a time when detecting the start of reception data to a time when receiving a demodulation data end signal S of a one-pulse signal for stopping the equalizer unit 7.